

L Number	Hits	Search Text	DB	Time stamp
1	56053	carbon near2 black	USPAT	2003/08/05 16:14
2	35321	(carbon near2 black) and (suspension or dispersion or dispersed)	USPAT	2003/08/05 16:07
3	27290	((carbon near2 black) and (suspension or dispersion or dispersed)) and (surfactant or agent or (surface with modifying))	USPAT	2003/08/05 16:08
4	5305	((carbon near2 black) and (suspension or dispersion or dispersed)) and (surfactant or agent or surface with modifying).ab.	USPAT	2003/08/05 16:08
5	270	((carbon near2 black) and (suspension or dispersion or dispersed)) and (surfactant or agent or surface with modifying).ab.) and (carbon near2 black).ab.	USPAT	2003/08/05 16:09
6	60283	106/\$.ccls.	USPAT	2003/08/05 16:14
7	42316	titanate titantes zirconate zirconates aluminate aluminates	USPAT	2003/08/05 16:14
8	330	106/\$.ccls. and (titanate titantes zirconate zirconates aluminate aluminates) and (carbon near2 black)	USPAT	2003/08/05 16:14
9	85278	ink	USPAT	2003/08/05 16:14
10	959193	water	USPAT	2003/08/05 16:15
11	109	(106/\$.ccls. and (titanate titantes zirconate zirconates aluminate aluminates) and (carbon near2 black)) and ink and water	USPAT	2003/08/05 16:20
12	879	(carbon near2 black) with (titanate titantes zirconate zirconates aluminate aluminates)	USPAT	2003/08/05 16:20
13	10	((106/\$.ccls. and (titanate titantes zirconate zirconates aluminate aluminates) and (carbon near2 black)) and ink and water) and ((carbon near2 black) with (titanate titantes zirconate zirconates aluminate aluminates))	USPAT	2003/08/05 17:21
14	24723	dispersant	USPAT	2003/08/05 17:21
15	29835	"van der"	USPAT	2003/08/05 17:21
16	76359	london	USPAT	2003/08/05 17:21
17	103495	"van der" or london	USPAT	2003/08/05 17:21
18	24	dispersant with ("van der" or london)	USPAT	2003/08/05 17:21
19	8	(carbon near2 black) and (dispersant with ("van der" or london))	USPAT	2003/08/05 17:21
-	17752	pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes	USPAT	2003/08/05 16:05
-	330192	rubber	USPAT	2003/06/10 12:26
-	10512	char	USPAT	2003/06/10 12:26
-	182	(pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber	USPAT	2003/01/08 16:12
-	300886	dispersed dispersion	USPAT	2003/06/10 12:28
-	928628	water	USPAT	2003/06/10 12:29
-	75950	(dispersed dispersion) with water	USPAT	2003/01/08 16:13
-	10	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and ((dispersed dispersion) with water)	USPAT	2003/01/08 16:17
-	86596	resonance	USPAT	2003/01/08 16:17
-	118711	resonate resonated resonating resonates resonant resonance	USPAT	2003/06/10 12:27
-	4	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and (resonate resonated resonating resonates resonant resonance	USPAT	2003/06/10 12:29
-	16378)	USPAT	2003/06/10 12:27
-	7	disintegration	USPAT	2003/06/10 12:30
-	937302	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and disintegration diameter	USPAT	2003/01/08 16:21
-	82	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and diameter	USPAT	2003/01/08 16:21
-	603170	particles powder particle powders	USPAT	2003/01/08 16:22
-	79953	diameter with (particles powder particle powders)	USPAT	2003/01/08 16:22

-	25	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and (diameter with (particles powder particle powders))	USPAT	2003/01/08 16:27
-	2370	disintegrator	USPAT	2003/01/08 16:32
-	0	resonance with disintegrator	USPAT	2003/01/08 16:29
-	1	(resonate resonated resonating resonates resonant resonance	USPAT	2003/01/08 16:29
-	47869) with disintegrator	USPAT	2003/01/08 16:30
-	78995	shearing	USPAT	2003/01/08 16:30
-	245	elasticity	USPAT	2003/01/08 16:30
-	0	shearing with elasticity	USPAT	2003/01/08 16:30
-	0	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and (shearing with elasticity)	USPAT	2003/01/08 16:30
-	1	(pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) and (shearing with elasticity)	USPAT	2003/01/08 16:31
-	1	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and disintegrator	USPAT	2003/01/08 16:31
-	43424	disintegrator disintegration disintegrate	USPAT	2003/01/08 16:32
-	21	disintegrates disintegrating disintegrated	USPAT	2003/01/08 16:32
-	21	(disintegrator disintegration disintegrate disintegrates disintegrating disintegrated) with char	USPAT	2003/01/08 16:32
-	0	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and ((disintegrator disintegration disintegrate disintegrates disintegrating disintegrated) with char)	USPAT	2003/01/08 16:32
-	4	(pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) and ((disintegrator disintegration disintegrate disintegrates disintegrating disintegrated) with char)	USPAT	2003/01/08 16:35
-	1	("6135370").PN.	USPAT	2003/01/08 16:41
-	528570	carbon	USPAT	2003/01/08 16:41
-	282603	powder	USPAT	2003/01/08 16:41
-	318123	fine ultrafine	USPAT	2003/01/08 16:42
-	937302	diameter	USPAT	2003/01/08 16:42
-	132	carbon with powder with (fine ultrafine) with diameter	USPAT	2003/01/08 16:42
-	35839	pulverize pulverizing pulverizer pulverized	USPAT	2003/01/08 16:46
-	29	(carbon with powder with (fine ultrafine) with diameter) and (pulverize pulverizing pulverizer pulverized)	USPAT	2003/01/08 16:43
-	0	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and ((carbon with powder with (fine ultrafine) with diameter) and (pulverize pulverizing pulverizer pulverized))	USPAT	2003/01/08 16:43
-	1	char and ((carbon with powder with (fine ultrafine) with diameter) and (pulverize pulverizing pulverizer pulverized))	USPAT	2003/01/08 16:44
-	1	(pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) and rubber and ((carbon with powder with (fine ultrafine) with diameter) and (pulverize pulverizing pulverizer pulverized))	USPAT	2003/01/08 16:44
-	143	char with (pulverize pulverizing pulverizer pulverized)	USPAT	2003/01/08 16:46
-	2	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and (char with (pulverize pulverizing pulverizer pulverized))	USPAT	2003/01/08 17:00
-	1	("3644131").PN.	USPAT	2003/01/08 17:02
-	615028	commercial commercially	USPAT	2003/01/08 17:02
-	230859	black	USPAT	2003/01/08 17:02
-	1851	carbon with (commercial commercially) with black	USPAT	2003/01/08 17:19
-	59	diameter with (carbon with (commercial commercially) with black)	USPAT	2003/01/08 17:16
-	1	("5229099").PN.	USPAT	2003/01/08 17:18
-	431459	peroxide chlorosilinae chloride	USPAT	2003/01/08 17:19
-	13989	carbon with (commercial commercially)	USPAT	2003/01/08 17:22

-	494	(peroxide chlorosilinae chloride) with (carbon with (commercial commercially))	USPAT	2003/01/08 17:22
-	0	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and ((peroxide chlorosilinae chloride) with (carbon with (commercial commercially)))	USPAT	2003/01/08 17:22
-	17	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) and ((peroxide chlorosilinae chloride) with (carbon with (commercial commercially))))	USPAT	2003/01/08 17:21
-	57008	carbon with black	USPAT	2003/01/08 17:22
-	2898	(peroxide chlorosilinae chloride) with (carbon with black)	USPAT	2003/01/08 17:22
-	2	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and ((peroxide chlorosilinae chloride) with (carbon with black))	USPAT	2003/01/08 17:35
-	17646	coupling adj agent	USPAT	2003/01/08 17:36
-	482	(carbon with black) with (coupling adj agent)	USPAT	2003/01/08 17:37
-	38174	titanate zirconate aluminate	USPAT	2003/01/16 15:46
-	2947	monomolecular	USPAT	2003/01/08 17:37
-	0	((carbon with black) with (coupling adj agent)) with (titanate zirconate aluminate)) with monomolecular	USPAT	2003/01/08 17:37
-	0	((((carbon with black) with (coupling adj agent)) with (titanate zirconate aluminate)) same monomolecular	USPAT	2003/01/08 17:37
-	28	((carbon with black) with (coupling adj agent)) with (titanate zirconate aluminate)	USPAT	2003/01/08 17:42
-	26360	atomized atomizing	USPAT	2003/01/08 17:40
-	0	((((carbon with black) with (coupling adj agent)) with (titanate zirconate aluminate)) with (atomized atomizing)	USPAT	2003/01/08 17:40
-	0	((((carbon with black) with (coupling adj agent)) with (titanate zirconate aluminate)) same (atomized atomizing)	USPAT	2003/01/08 17:40
-	4	(peroxide chlorosilinae chloride) with (((carbon with black) with (coupling adj agent)) with (titanate zirconate aluminate))	USPAT	2003/01/08 17:46
-	42	(423/449.7).CCLS.	USPAT	2003/01/08 17:49
-	592	(423/445R).CCLS.	USPAT	2003/01/08 17:47
-	7	(423/449.7).CCLS.	USOCR	2003/01/08 17:47
-	0	(coupling adj agent) and ((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) and rubber and ((carbon with powder with (fine ultrafine) with diameter) and (pulverize pulverizing pulverizer pulverized)))	USPAT	2003/01/08 17:49
-	529092	carbon	USPAT	2003/01/16 15:45
-	231134	black	USPAT	2003/01/16 15:45
-	52543	carbon adj black	USPAT	2003/01/16 15:45
-	442604	peroxide peroxides chlorosilane chlorosilanes chlorides chloride	USPAT	2003/01/16 15:45
-	2830	(carbon adj black) with (peroxide peroxides chlorosilane chlorosilanes chlorides chloride)	USPAT	2003/01/16 15:46
-	40553	titanate zirconate aluminate titantes zirconates aluminates	USPAT	2003/01/16 15:46
-	261548	spraying sprayed spray atomized atomize atomizing	USPAT	2003/01/16 15:47
-	0	((((carbon adj black) with (peroxide peroxides chlorosilane chlorosilanes chlorides chloride)) with (titanate zirconate aluminate titantes zirconates aluminates)) with (spraying sprayed spray atomized atomize atomizing)	USPAT	2003/01/16 15:47
-	0	((((carbon adj black) with (peroxide peroxides chlorosilane chlorosilanes chlorides chloride)) with (titanate zirconate aluminate titantes zirconates aluminates)) same (spraying sprayed spray atomized atomize atomizing)	USPAT	2003/01/16 15:47

	35	((carbon adj black) with (peroxide peroxides chlorosilane chlorosilanes chlorides chloride)) with (titanate zirconate aluminate titantes zirconates aluminates)	USPAT	2003/01/16 15:47
	18205	pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes	USPAT	2003/06/10 12:26
	337813	rubber	USPAT	2003/06/10 12:26
	10822	char	USPAT	2003/06/10 12:26
	122775	resonate resonated resonating resonates resonant resonance	USPAT	2003/06/10 12:27
	16897	disintegration	USPAT	2003/06/10 12:27
	309619	dispersed dispersion	USPAT	2003/06/10 12:29
	951644	water	USPAT	2003/06/10 12:29
	4	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and (resonate resonated resonating resonates resonant resonance	USPAT	2003/06/10 12:29
)		
	7	((pyrolysis pyrolyzing pyrolyze pyrolyzed pyrolyzes) with rubber) and disintegration ("5506274").PN.	USPAT	2003/06/10 12:30
	1	shock	USPAT	2003/06/10 12:31
	130737	wave waves	USPAT	2003/06/14 14:42
	301828	shock adj (wave waves)	USPAT	2003/06/14 14:42
	7495	char	USPAT	2003/06/14 14:43
	10822	carbon	USPAT	2003/06/14 14:43
	541914	black	USPAT	2003/08/04 16:36
	238976	carbon adj black	USPAT	2003/06/14 14:43
	54014	char (carbon adj black)	USPAT	2003/06/14 14:43
	64278	(shock adj (wave waves)) with (char (carbon adj black))	USPAT	2003/06/14 14:43
	2	(shock adj (wave waves)) with (char (carbon adj black))	USPAT	2003/06/14 14:52
	1	("6135370").PN.	USPAT	2003/06/14 14:52
	1	("6135370").PN.	USPAT	2003/08/04 15:26
	545737	carbon	USPAT	2003/08/04 16:36
	241226	black	USPAT	2003/08/04 16:36
	54442	carbon adj black	USPAT	2003/08/04 16:36
	8096	polynuclear	USPAT	2003/08/04 16:36
	264882	hydrocarbon hydrocarbons	USPAT	2003/08/04 16:36
	1020	polynuclear near2 (hydrocarbon hydrocarbons) (carbon adj black) with (polynuclear near2 (hydrocarbon hydrocarbons))	USPAT	2003/08/04 16:37
	4	(carbon adj black) same (polynuclear near2 (hydrocarbon hydrocarbons))	USPAT	2003/08/04 16:38
	18	pah pnh pna	USPAT	2003/08/04 16:47
	4473	(carbon adj black) with (pah pnh pna)	USPAT	2003/08/04 16:48
	8	peroxides chlorosilanes clorides	USPAT	2003/08/04 16:51
	32176	(carbon adj black) with (peroxides chlorosilanes clorides)	USPAT	2003/08/04 16:52
	194	reactant	USPAT	2003/08/04 16:53
	64596	((carbon adj black) with (peroxides chlorosilanes clorides)) with reactant	USPAT	2003/08/04 16:52
	0	contact contacted	USPAT	2003/08/04 16:52
	1270766	((carbon adj black) with (peroxides chlorosilanes clorides)) with (contact contacted)	USPAT	2003/08/04 16:52
	0	"organo metallic"	USPAT	2003/08/04 16:52
	3894	"organo metallic" with ((carbon adj black) with (peroxides chlorosilanes clorides))	USPAT	2003/08/04 17:12
	0	"organo metallic" same ((carbon adj black) with (peroxides chlorosilanes clorides))	USPAT	2003/08/04 16:53
	0	"organo metallic" and ((carbon adj black) with (peroxides chlorosilanes clorides))	USPAT	2003/08/04 16:53
	5	benzene	USPAT	2003/08/04 17:01
	176089	(carbon adj black) with benzene	USPAT	2003/08/04 17:01
	241	react reactant	USPAT	2003/08/04 17:02
	243301	(react reactant) with ((carbon adj black) with benzene)	USPAT	2003/08/04 17:01
	0		USPAT	2003/08/04 17:01

-	0	(contact contacted) with ((carbon adj black) with benzene)	USPAT	2003/08/04 17:01
-	62	(carbon adj black) near4 benzene ("3335020").PN.	USPAT	2003/08/04 17:09
-	1		USPAT	2003/08/04 17:03
-	38	(carbon adj black) near4 (peroxides chlorosilanes clorides)	USPAT	2003/08/04 17:13
-	26446	"organo metallic" "organometallic"	USPAT	2003/08/04 17:13
-	9	(carbon adj black) near4 ("organo metallic" "organometallic") coupling	USPAT	2003/08/04 17:16
-	485690	spray sprayed spraying	USPAT	2003/08/04 17:16
-	261125	(carbon adj black) with coupling with (spray sprayed spraying)	USPAT	2003/08/04 17:16
-	1		USPAT	2003/08/04 17:20
-	2	(carbon adj black) same (coupling with (spray sprayed spraying))	USPAT	2003/08/04 17:19
-	42275	titanate titantes zirconate zirconates aluminate aluminates	USPAT	2003/08/05 16:13
-	55	(carbon adj black) with coupling with (titanate titantes zirconate zirconates aluminate aluminates)	USPAT	2003/08/04 17:29
-	0	(carbon adj black) with (spray sprayed spraying) with (titanate titantes zirconate zirconates aluminate aluminates)	USPAT	2003/08/04 17:22
-	0	(carbon adj black) same ((spray sprayed spraying) with (titanate titantes zirconate zirconates aluminate aluminates)) weight	USPAT	2003/08/04 17:22
-	1011384		USPAT	2003/08/04 17:29
-	154	(carbon adj black) with weight with coupling	USPAT	2003/08/04 17:30
-	37	(titanate titantes zirconate zirconates aluminate aluminates) and ((carbon adj black) with weight with coupling)	USPAT	2003/08/04 17:30
-	12	(spray sprayed spraying) and ((titanate titantes zirconate zirconates aluminate aluminates) and ((carbon adj black) with weight with coupling))	USPAT	2003/08/04 17:30